

Appl. No. 10/662,153
Amdt. dated _____
Reply to Office action of Dec. 11, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A convection-cooled projector comprises,
 - a housing having a base, upstanding sidewalls extending from said base and a top,
 - a liquid crystal display panel within said housing in spaced relation to said base,
 - a plurality of thermal isolation walls within said housing between said liquid crystal display panel and said base, a plurality of aligned independent cooling compartments defined by said thermal isolation walls a projector light source within said housing for illuminating an image formed on said liquid crystal panel, said projector light source positioned between said base and said thermal isolation walls cooling compartments,
 - a lens in one of said enclosure cooling compartments defining a projection surface,
 - a plurality of ventilation openings in opposing walls incorporated within said enclosure, each of said independent cooling compartments and housing,

light transmission baffles within each of said enclosure cooling compartments and said housing independent thereof, said baffles define spaced overlapping elements extending from respective surfaces of effacing isolation walls and said liquid crystal panel support and said lens effacing surfaces, said light baffles in vertical alignment with each other in adjacent cooling compartments and said housing in spaced relation to respective ventilation openings.

2. (currently amended) The convection cooled projector set forth in claim 1 wherein said liquid crystal display panel, isolation walls and lens are in optical alignment with said projection light source.

3. (currently amended) The convection cooled projector set forth in claim 1 wherein portions of said thermal isolation walls are optically transparent and in parallel spaced relation to one another and said liquid crystal display panel and said light source.

4. (canceled)

5. (currently amended) The convection cooled projector set forth in claim 1 wherein said projection light source comprises, a ~~low-wattage~~ light bulb and a reflector associated therewith.

6. (canceled)

7. (original) The convection cooled projector set forth in claim 1 wherein said lens comprises a Fresnel type lens positioned between said light projector source and said liquid crystal display panel.

Claims 8-11 (canceled)

12. (currently amended) The convection-cooled projection set forth in claim 8 1 wherein said light baffles are optically opaque.

13. (canceled)